

## CLAIMS

1 1. A system for coordinating the activity of a plurality of humans,  
2 comprising:

3 a plurality of humans each having a communicator device;

4 a central automated controller having reasoning capability based  
5 on a predetermined set of criteria;

6 said controller being able to communicate messages to and from  
7 each communicator device of each of said humans;

8 said controller being able to process input from each of said  
9 communicator devices and process said input in accordance with  
10 programmed decision making capability to accomplish predetermined  
11 objectives and provide output to at least some of said humans through  
12 said communicator devices to assess a situation and direct steps in  
13 response thereto; and

14 said controller being adapted to continue receiving inputs,  
15 coordinating decisions based on a predetermined model and task  
16 assessment reasoning to determine the best way to accomplish the  
17 predetermined objectives.

1 2. The system of claim 1, wherein said plurality of humans are  
2 formed into a plurality of teams.

1 3. The system of claim 2, wherein said communicator device of  
2 each member of each team is a mobile device selected from the group

3 comprising a radio transmitter/receiver, telephone, wireless PDAs,  
4 GPS transmitters/receivers, MEMS and implants, optical transmitters.

1 4. The system of claim 1, wherein said communicator device of  
2 each member of each team is a laptop or desktop computer or other  
3 stationary or vehicle mounted information transmitter and receiver.

1 5. The system of claim 1, wherein the information sent by the  
2 teams to and from a coordinator that reasons about the situation,  
3 assesses changes to the situation, and makes decisions about the  
4 various tasks to be performed and when they are to be begun.

1 6. The system of claim 1, wherein said programmed decision  
2 making capability to accomplish predetermined objectives provides  
3 outputs to said communicator device comprising an output selected  
4 from the group consisting of instructions, questions, information and  
5 combinations thereof.

1 7. A system for coordinating the activity of a plurality of humans,  
2 comprising:

3 a plurality of humans each having means for communicating over  
4 a distance;

5 a central automated controller means for reasoning based on a  
6 predetermined set of criteria;

7        said controller means being able to communicate messages to  
8 and from each means for communicating over a distance of each of said  
9 humans;

10       said controller means being able to process input from each of  
11 said means for communicating over a distance and process said input  
12 in accordance with programmed decision making capability to  
13 accomplish predetermined objectives and provide output to at least  
14 some of said humans through said means for communicating over a  
15 distance to assess a situation and direct steps in response thereto; and

16       said controller means being adapted to continue receiving  
17 inputs, coordinating decisions based on a predetermined model and  
18 task assessment reasoning to determine the best way to accomplish  
19 the predetermined objectives.

1    8.    The system of claim 7, wherein said plurality of humans are  
2    formed into a plurality of teams.

1    9.    The system of claim 8, wherein said means for communicating  
2    over a distance of each member of each team is a mobile device  
3    selected from the group comprising a radio transmitter/receiver,  
4    telephone, wireless PDAs, GPS transmitters/receivers, MEMS and  
5    implants, optical transmitters.

1    10.   The system of claim 9, wherein said means for communicating  
2    over a distance of each member of each team is a laptop or desktop

3 computer or other stationary or vehicle mounted information  
4 transmitter and receiver.

1 11. The system of claim 7, wherein the information sent by the  
2 humans to and from said coordinator means that reasons about the  
3 situation, assesses changes to the situation, and makes decisions about  
4 the various tasks to be performed and when they are to be begun.

1 12. The system of claim 7, wherein said programmed decision  
2 making capability to accomplish predetermined objectives provides  
3 outputs to said means for communicating over a distance comprising  
4 an output selected from the group consisting of instructions,  
5 questions, information and combinations thereof.

1 13. A method for coordinating the activity of a plurality of humans,  
2 comprising the steps of:

3 assembling a plurality of humans each having a communicator  
4 device;

5 accessing a central automated controller having reasoning  
6 capability based on a predetermined set of criteria;

7 communicating messages from said controller to and from each  
8 communicator device of each of said humans;

9 processing input from each of said communicator devices and  
10 process said input in accordance with programmed decision making  
11 capability in said controller to accomplish predetermined objectives

12 and provide output to at least some of said humans through said  
13 communicator devices to assess a situation and direct steps in  
14 response thereto; and

15 continuing to receive inputs from said communicators to and  
16 outputs from said controller to coordinate decisions based on a  
17 predetermined model and task assessment reasoning to determine the  
18 best way to accomplish the predetermined objectives.

1 14. The method of claim 13, wherein said plurality of humans are  
2 formed into a plurality of teams.

1 15. The method of claim 14, wherein said communicator device of  
2 each member of each team is a mobile device selected from the group  
3 comprising a radio transmitter/receiver, telephone, wireless PDAs,  
4 GPS transmitters/receivers, MEMS and implants, optical transmitters.

1 16. The method of claim 14, wherein said communicator device of  
2 each member of each team is a laptop or desktop computer or other  
3 stationary or vehicle mounted information transmitter and receiver.

1 17. The method of claim 14, wherein the information sent by the  
2 humans to and from said coordinator means that reasons about the  
3 situation, assesses changes to the situation, and makes decisions about  
4 the various tasks to be performed and when they are to be begun.

1 18. The method of claim 13, wherein said programmed decision  
2 making capability accomplishes said predetermined objectives by  
3 providing outputs to said means for said communication device  
4 comprising an output selected from the group consisting of  
5 instructions, questions, information and combinations thereof.